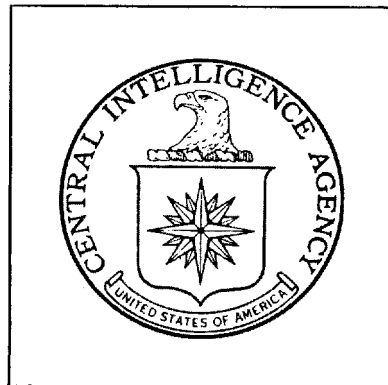


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#12



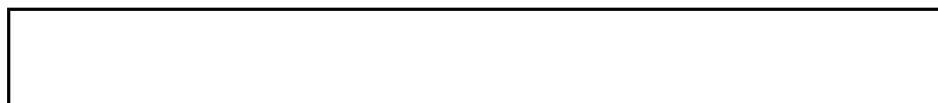
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INTELLIGENCE

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# *Imagery Analysis Report*

Naval Base and Shipyard 402

Severodvinsk, USSR - KH Missions

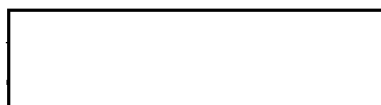


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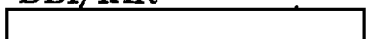
DECLASS REVIEW by NIMA/DOD

**Top Secret**

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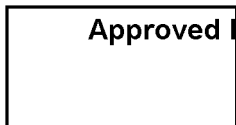


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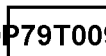
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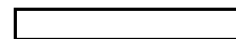


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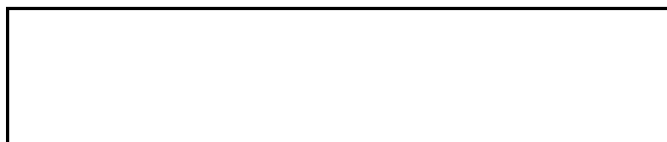
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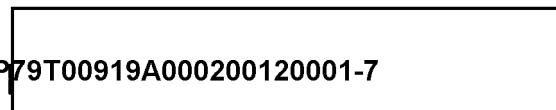
NAVAL BASE AND SHIPYARD 402

SEVERODVINSK, USSR



25X1

- 1 -



25X1

25X1

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25X1

25X1

25X1

SHIPYARD : NAVAL BASE AND SHIPYARD 402  
LOCATION : SEVERODVINSK, USSR  
GEO COORDS: 64-35N 039-50E

25X1

KEY TO ANNOTATIONS ON FIGURE 1

25X1

1. Possible Floating Dock

25X1

2. Probable Transporter Dock (occupancy undetermined)

This vessel appears to have two parallel sidewalls and a pointed bow. No transporter dock was located in this section of the yard on either

25X1

3. Fitting-out Quay

Unidentified imagery occupies the three berthing spaces at the Main Yard Fitting-out Quay. These berthing spaces were previously occupied by "E-II" Class SSGNs.

25X1

25X1

4. Main Launch Basin

No submarine activity is present in the Main Launch Basin (Launch Basin No. 1). A possible "H" Class SSBN was positioned on the tracks aligned with the middle of the three building ways on the south side of the Main Construction Hall.

25X1

25X1

25X1

5. Floating Dock (occupancy undetermined)

25X1

6. Unidentified Vessel Activity Along the Quay to the Yagry Island Nuclear Submarine Special Support Facility

A ZEYA Class YRSN was observed east of this position along the quay

25X1

25X1

25X1

NOTE: Poor quality photography precluded measurements and the determination of the status of the three transporter docks previously observed at the West Basin Pier Area.

25X1

25X1

TOP SECRET

25X1

25X  
25X

TOP SECRET

SEVERODVINSK NAVAL BASE & SHIPYARD 402  
Release 2003/05/15 : CIA-RDP79T00919A0007  
SEVERODVINSK, USSR

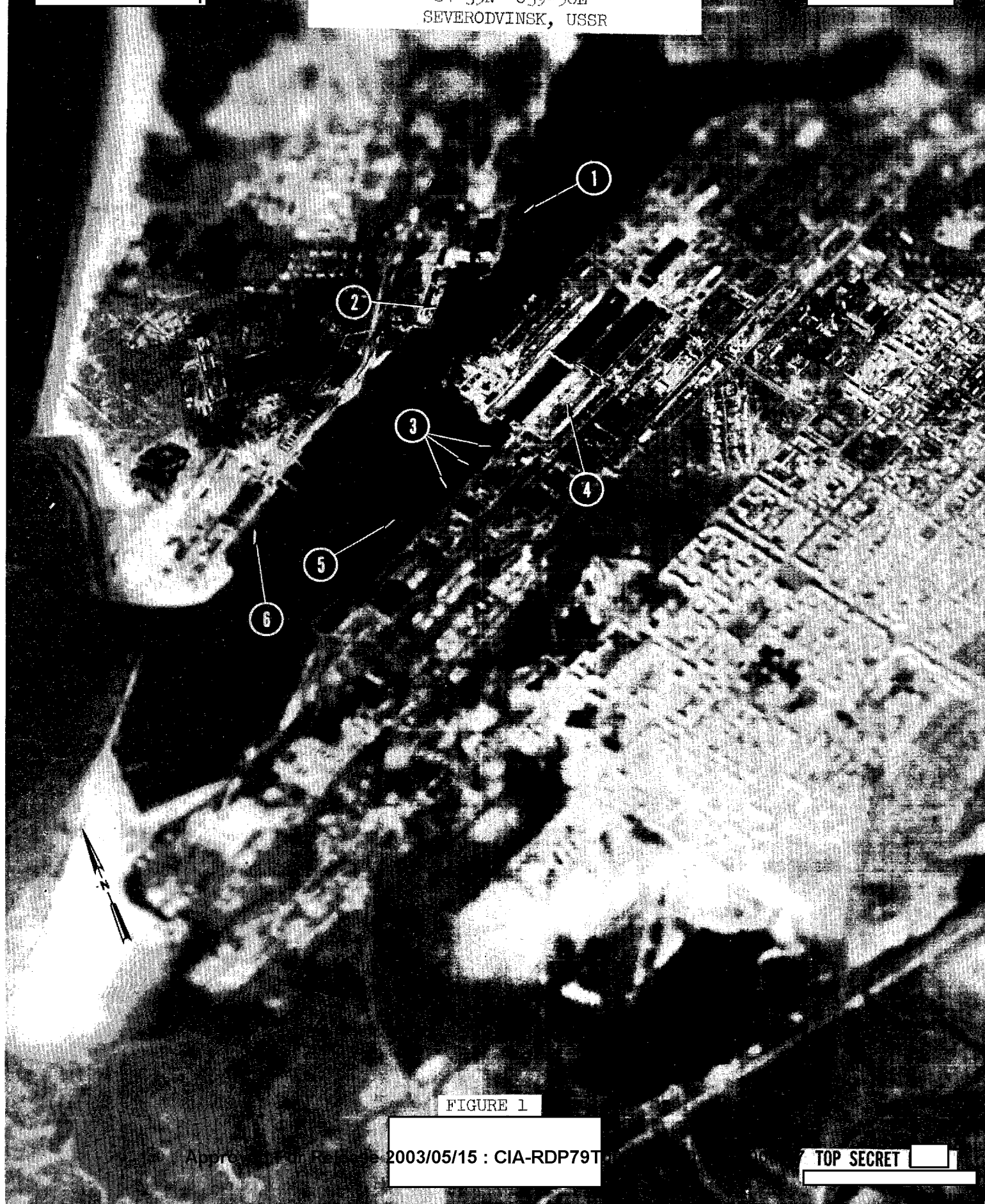


FIGURE 1

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25X1

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25X1

25X1

25X1

SHIPYARD : NAVAL BASE AND SHIPYARD 402  
LOCATION : SEVERODVINSK, USSR  
GEO COORDS: 64-35N 039-50E

25X1

## KEY TO ANNOTATIONS ON FIGURE 2

1. Unidentified Probable AG Alongside Quay Inboard of a "J" Class SSG  
This vessel was observed in this same position on [REDACTED]

25X1  
25X1

2. Probable "J" Class SSG  
Two pairs of possible exhaust deflectors, an apparent flat deck, and the long sail observed on this submarine contribute to its identification as a "J" Class. A light-toned circular image is visible on the center of the deck immediately abaft the after possible exhaust deflectors, and another is located halfway between the bow and the leading edge of the sail. Two "J" Class were observed in this position on [REDACTED]

25X1

25X1

3. Possible Floating Crane at Quay

4. Unidentified AG  
A superstructure aft, the light-toned rectangular imagery immediately abaft the forecastle, and its relative size identify this vessel as the one observed in this approximate position on [REDACTED]

25X1  
25X1

25X1

5. Catamaran Vessel

This vessel was moored along the main fitting-out quay on [REDACTED]

25X1

25X1

6. Possible AT

A rounded bow and stern on this vessel suggest that it may be a tug.

25X1

7. Unidentified Craft Alongside Vessel at Quay

8. Unidentified Vessel at Quay

25X1

25X1  
25X1

9. Possible "N" Class SSN on the North Ledge of the Basin  
Imagery probably equating to a rounded bow and a small sail positioned well forward contribute to the identification of this submarine. Staging appears to surround the sail. [REDACTED]

25X1

25X1

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25X1

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25X1

25X1

25X1

10. Probable Rectangular Submarine Support Barge (YRSN ) in Flooded Portion of Basin  
This barge is servicing the possible "N" Class SSN at Annotation 9 above. [REDACTED]

25X1

11. Small Barge (LOA approximately 85 feet)\*  
This craft contains two unidentified rectangular or cylindrical objects - one on the centerline and one slightly skewed from the centerline. This barge is berthed directly alongside the rectangular YRSN servicing the "N" Class SSN on the basin ledge. [REDACTED]  
[REDACTED] this "N" Class was observed to have had its hull stripped away abaft the sail, exposing a large upright cylindrical object having an outer diameter of [REDACTED]  
[REDACTED] When last observed this barge was located along the quay to the Yagry Island Nuclear Submarine Special Support Facility [REDACTED] The association of this small barge with the Nuclear Submarine Special Support Facility and its present proximity with the "N" Class SSN in the wet basin suggests a nuclear maintenance support role for this craft.

25X1

25X1

25X1

25X1

25X1

12. Probable Rectangular YRSN in Flooded Portion of Basin  
Dark-toned, lineal imagery can be seen spanning the water from the dry portion of the basin to the amidships section of the barge. See [REDACTED]

25X1

13. Probable "G" Class SSB on South Ledge of the Basin (LOA approximately 325 feet)  
A tapered bow, large sail, and the length-overall contribute to the identification of this submarine. A light-toned deck with a dark line running nearly the length of the submarine may equate to new paint applied since [REDACTED] The deck appears free of clutter and some of the staging may have been removed since [REDACTED]  
[REDACTED]

25X1

25X1

25X1

14. Possible "G" Class SSB on South Ledge of the Basin (apparent LOA 325 feet)  
This submarine still appears to have covering over the after portion of the sail and staging surrounding its hull. [REDACTED]  
[REDACTED]

25X1

25X1

\* All measurements have been made by the [REDACTED] analyst.

25X1

25X1

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TOP SECRET

25X1

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25X1

25X1

25X1

15. Possible "H" Class SSBN in Floating Dock  
Additional triangular sheds appear to have been placed over the area abaft the sail of the submarine since [REDACTED]

25X1

16. Possible "PM-124" Class YRSN Alongside Floating Dock  
Lifeboat placement near the stern and overall hull shape contribute to this identification. [REDACTED]

25X1

25X1

17. Probable Rectangular YRSN Med-moored to Quay  
[REDACTED]

18. Probable "G" Class SSB Alongside Quay (visible waterline length approximately 310 feet)  
No evidence of a sail is visible on this submarine which was observed in this same position on [REDACTED]

25X1

25X1

19. Probable OKHTENSKIY Class ATR Alongside Quay  
An OKHTENSKIY Class was med-moored to this quay on [REDACTED]

25X1

25X1

#### KEY TO FACILITY ANNOTATIONS ON FIGURE 2

- A. Building Under Construction  
Construction continues on a building adjacent to the southeast corner of the main construction hall. Possible shadows indicate that the long, light-toned images equate to roof sections. [REDACTED]

25X1

25X1

- B. Main Launching Basin  
Shallow side of main launching basin is unflooded. No vessels are observed on the tracks in front of the main construction hall although most of the basin is cloud-covered.

- C. Building/Repair Way(s) Under Construction  
Construction of the roof above the vertical supports is visible at the north end of the way(s). [REDACTED]

25X1

- D. Transverser Platform Under Construction  
Two additional rails in the southwest corner of the transverser platform have been completed since [REDACTED]

25X1

25X1

NOTE: The remainder of Shipyard 402 was cloud-covered on this mission. Clouds on the other frame precluded a stereo view of this portion of the yard.

25X1



25X1  
25X1

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SEVERODVINSK NAVAL BASE & SHIPYARD 402

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64-35N 039-50E

25X1

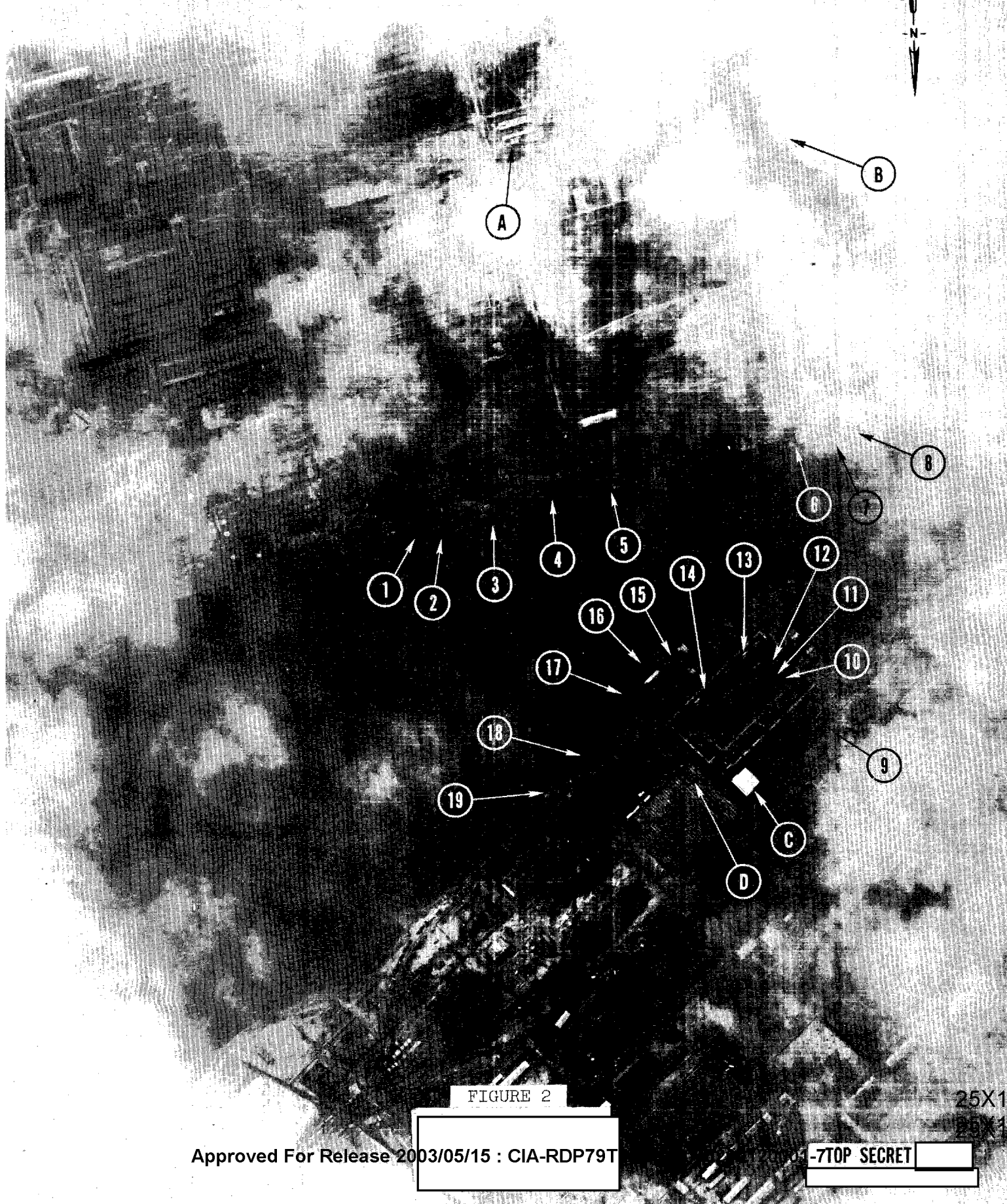


FIGURE 2

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-7TOP SECRET

25X1

25X1

TOP SECRET

SHIPYARD : NAVAL BASE AND SHIPYARD 402  
LOCATION : SEVERODVINSK, USSR  
GEO COORDS: 64-35N 039-50E

# KEY TO ANNOTATIONS ON FIGURE 3

## 1. Possible AG Alongside Quay

A similar vessel, believed to be a tender for "J" Class SSG, was observed in this identical position on [REDACTED] this vessel occupied a berthing position approximately 300 feet eastward along the quay.

## 2. Two Possible "J" Class SSGs

These two submarines are lying outboard of the possible AG at Annotation 1 above. This identification is based on the placement of possible exhaust deflectors and the relative length of each submarine. On [REDACTED] two "J" Class SSGs were in this position [REDACTED] only one (probable) "J" Class SSG was observed along this quay. [REDACTED]

## 3. Very Large Floating Crane

This crane was not observed in the eastern area of the shipyard on the limited coverage of [REDACTED] It was last observed on [REDACTED] along the Main Quay to the Yagry Island Repair Facility. [REDACTED]

## 4. Main Launching Basin

Tracks number two and three (the southern two tracks of the northern bay) have apparently been cleared off in front of the main construction hall. The distance along the tracks from the construction hall doors to the edge of an object placed perpendicularly across the tracks is roughly 480 feet.

## 5. Possible Floating Workshop in Berthing Space No. 1

This image appears to be rectangular and bulky - similar to the floating workshop in this position on [REDACTED] No submarine activity is visible in this berthing space. [REDACTED]

## 6. Barge Activity in Berthing Space No. 2

One possible rectangular submarine support barge (YRSN) and an unidentified smaller barge alongside the quay in Berthing Space No. 2. An "E-II" Class SSGN was last observed in this position although no submarine activity is now present. [REDACTED]

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25X1

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25X1

25X1  
25X1

7. Unidentified Auxiliary at New Quay  
This is the first vessel sighted at this quay since its construction

25X1

8. Unidentified Imagery in Berthing Space No. 3  
An "E-II" Class SSGN occupied this position on

25X1

25X1

9. Catamaran Vessel in Berthing Space No. 4  
This craft appears to be berthed outboard of a possible yard craft. The "frames" between the twin hulls are positioned in the retracted mode. The catamaran has never before been sighted along this section of the Main Outfitting Quay between the launch basin and the perpendicularly placed floating dock. When last sighted on it was located along the East Quay. Subsequent to its launching after it had always been sighted at Berthing Space No. 5 along the Outfitting Quay, Main Yard (

25X1  
25X1  
25X1

25X1

10. Possible "N" Class SSN in Floating Dock  
A rounded bow and a possible stern fin are visible.

25X1

25X1

11. Rectangular YRSN Alongside Floating Dock

25X1

12. Two Possible Barges Alongside Quay (Berthing Space No. 5)

13. Possible "N" Class SSN in Large Floating Dock in Berthing Space No. 6  
A possible stern fin and a possibly rounded bow are visible on this submarine. This marks the first observation of this dock at this berthing position. The floating dock was last observed on (at Berthing Space No. 2) along the Main Quay to the Yagry Island Naval Repair Facility. At that time the dock contained a possible "H" Class SSBN. "H" Class SSBNs have been the only class of submarine observed in this dock since its arrival at Shipyard 402 in

25X1

25X1

25X1

14. Eight Unidentified Craft on Quay

25X1

15. Probable "T-43" Class MSF (LOA approximately 190 feet)  
Lifeboat placement, length overall, and outline contribute to this identification.

25X1

16. Three Probable Pier Sections (LOA of each approximately 125 feet)

25X1

25X1

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25X1

25X1  
25X1

17. YAGT (LOA approximately 350 feet)

18. Probable BUSSARD Class AKL (LOA approximately 325 feet)

25X1

19. Possible "H" Class SSBN Outboard of Rectangular Submarine Support Barge

The presence of a large staging in the region of the sail indicates that this may be the same submarine as the possible "H" Class SSBN in the main launch basin on [REDACTED] At that time approximately 70 feet of staging surrounded the sail area. [REDACTED]

25X1

25X1

20. Unidentified Imagery Outboard of a Barge Alongside the Quay

21. Probable ZEYA Class YRSN

Centerline hatches amidships and raised extremities contribute to this identification. [REDACTED]

25X1

22. Possible BOLVA Class APL

25X1

23. Possible DE

25X1

24. Two Probable Large YAGTs

Only one large target barge was present in [REDACTED]

25X1

25X1

25X1

25. Possible Dredge

25X1

26. Possible Submarine on North Ledge of Wet Basin

Since no appreciable change appears to have occurred with respect to the positioning of vessels within the wet basin since [REDACTED] it is believed that this imagery probably equates to the "N" Class SSN observed at this position in [REDACTED]

25X1

25X1

25X1

27. Probable Rectangular YRSN in Flooded Portion of Wet Basin

It cannot be ascertained if the small barge observed alongside this craft on [REDACTED] is still present. [REDACTED]

25X1

25X1

25X1

28. Probable Rectangular YRSN in Flooded Portion of Wet Basin

25X1

29. Probable "G" Class SSB on South Ledge of Wet Basin

Evaluation is based on a large sail and the relative length of the submarine. [REDACTED]

25X1

25X1

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25X1  
25X1

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25X1

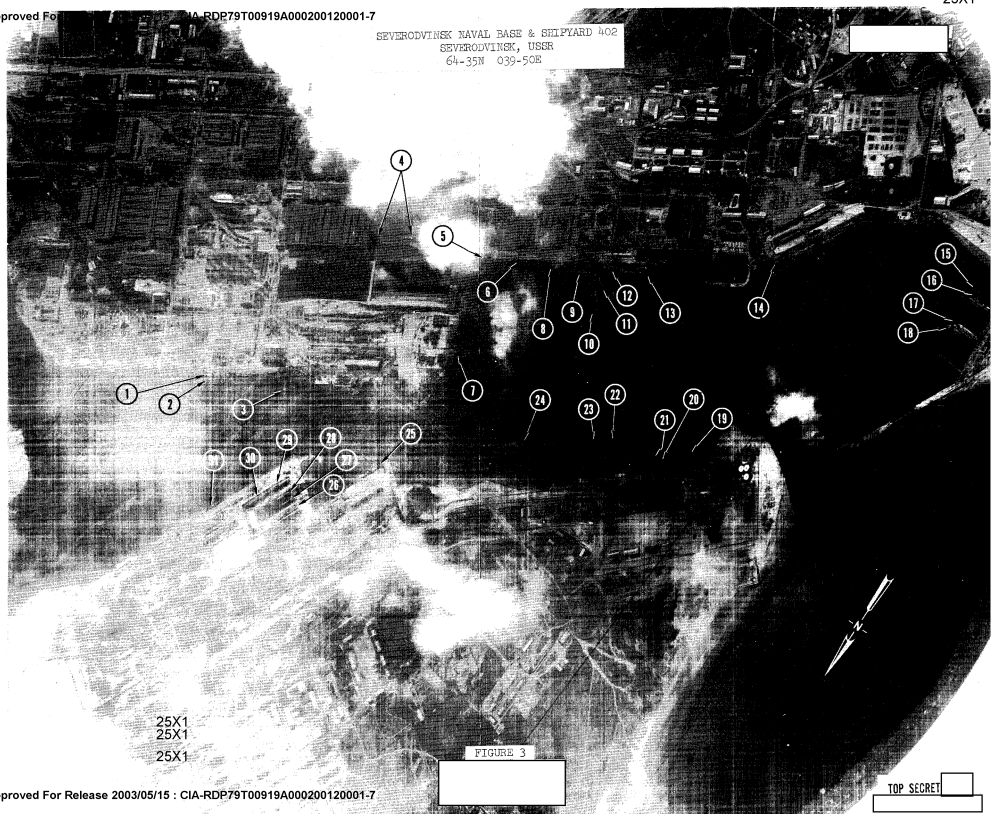
25X1

30. Unidentified Submarine on South Ledge of Wet Basin  
A large portion of the submarine's sail appears stripped away. See

31. Unidentified Submarine Alongside Quay  
A probable "G" Class SSB occupied this same position on

NOTE: Obliquity and poor quality precluded measurements for most of the vessels imaged on this coverage.

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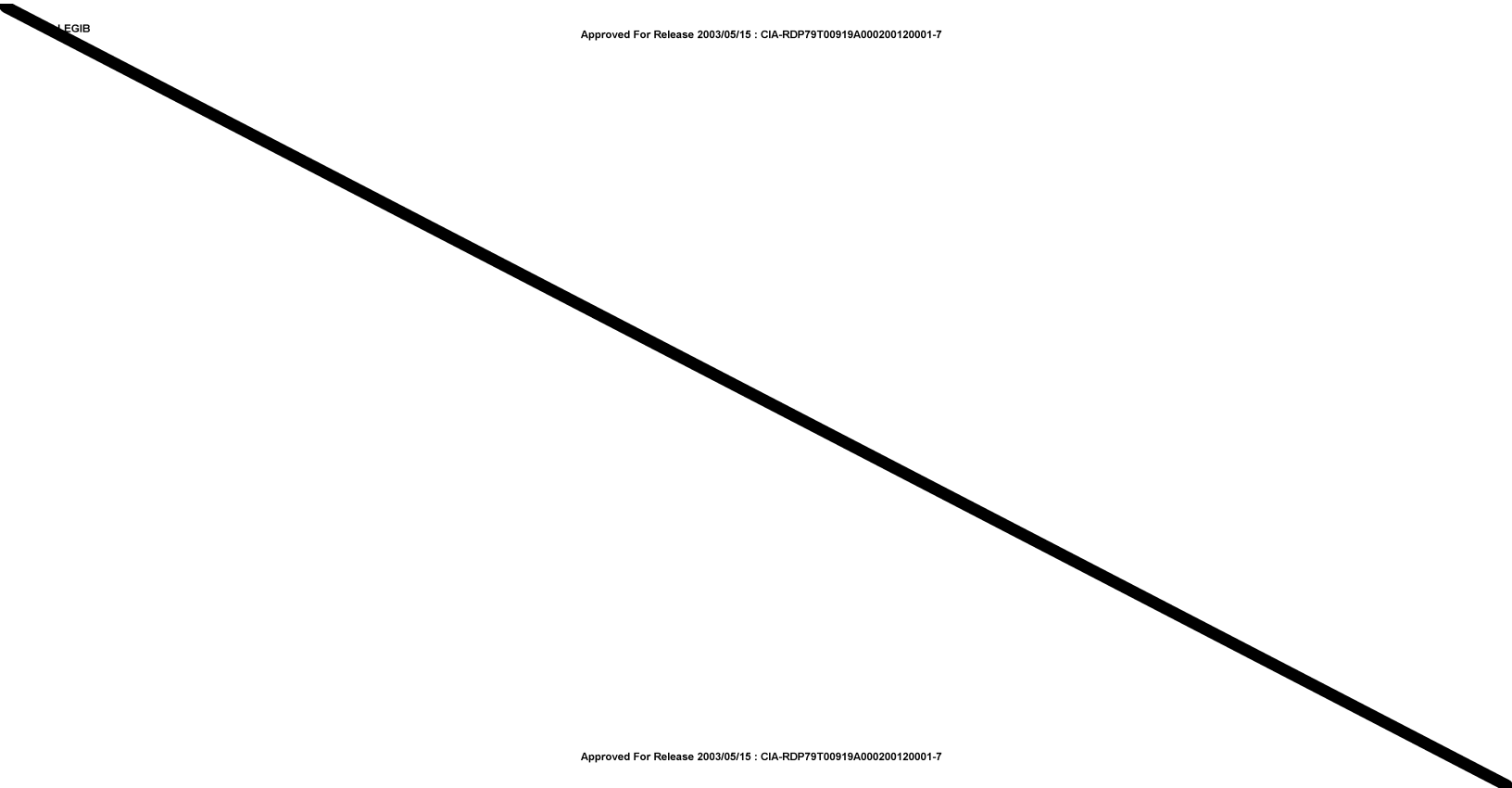


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25X1

25X1

25X1

25X1

25X1

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25X1  
25X1

10. Rectangular Submarine Support Barge (YRSN) (LOA approximately 190 feet)

11. Rectangular Submarine Support Barge (YRSN) (LOA approximately 190 feet)  
The two barges at Annotations 10 and 11 occupy the same positions  
and appear to have identical lash-ups as the two barges observed in  
this basin on

25X1

12. Possible "G" Class SSB (LOA approximately 320 feet)  
A large sail and the length of the submarine contribute to this  
assessment. A "G" Class SSB has been observed in this identical posi-  
tion since and was probably first berthed here between

25X1

13. Unidentified Submarine (LOA approximately 320 feet) on South Ledge  
of Wet Basin  
No sail is visible on this submarine. A "G" Class SSB with most of its  
sail removed has been located in this identical position since

25X1  
25X1

14. Unidentified Submarine Alongside Quay (visible waterline length  
approximately 310 feet)  
No sail is visible on this submarine. A "G" Class SSB having most of  
its sail removed was observed in this identical position on  
well. It is believed to be the same submarine as the possible "G"  
Class SSB first observed in this position on

25X1

25X1

15. Unidentified Tugboat (LOA approximately 125 feet)

16. Unidentified Probable AG (LOA approximately 305 feet)

17. Three Possible "J" Class SSGs (visible waterline length of each  
approximately 280 feet)  
Broad hull outlines, lengths, and possible exhaust deflectors contri-  
bute to this identification. Two of these submarines are probably  
the two seen outboard of the auxiliary

25X1

A large transporter dock with cut-down sidewalls aft and two smaller  
transporter docks observed in Annotation 10, 11 and 12,

25X1

25X1

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25X1

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25X1

25X1

25X1

25X1

[redacted] had all left Nikol'skoye Estuary by [redacted]  
A large transporter dock probably containing a "J" Class SSG apparently  
left Shipyard 112, Gorkiy, USSR (56-22N 043-53E) between [redacted]

25X1

25X1

25X1

A large transporter dock with cut-down sidewalls aft is now [redacted]  
[redacted] located at the pier area of the West Basin (see Annotation 46  
below). It is berthed at a different pier and in a reverse orienta-  
tion compared to the dock observed in [redacted] This evidence strongly  
suggests, therefore, that the third submarine observed at the East  
Quay is a new construction "J" Class SSG recently transported from  
Gorkiy for final outfitting at Severodvinsk. The appendix contains  
a tabulation of "J" Class SSGs transported from Gorkiy to Severodvinsk  
over the past two years.

25X1

25X1

### 18. Floating Jib Crane

This is the smaller of the two floating cranes observed at Shipyard  
402. When last observed in [redacted] this crane was located in the  
side launching basin. [redacted]

25X1

25X1

### 19. Unidentified Probable AG

This ship remains in the same position as observed in [redacted]

25X1

25X1

25X1

### 20. Very Large Floating Crane in the Deep Side of the Main Launch Basin

On [redacted] this crane was located alongside the East Quay. [redacted]

25X1

25X1

25X1

### 21. Small Three-Hatch Barge (LOA approximately 140 feet)

On [redacted] this barge was in line with the southernmost of  
the six sets of tracks leading into the main construction hall. See  
[redacted]

### 22. Unidentified Auxiliary (LOA approximately 250 feet)

This ship most closely resembles an AKL with a single small superstruc-  
ture aft of amidships and two-to-three holds forward. It is presently  
positioned within the deep side of the launch basin bow-to the basin  
entrance in company with an unidentified small craft along its port  
side. This auxiliary may equate to the unidentified auxiliary first  
sighted at the new quay by the main launch basin on [redacted]

25X1

25X1

25X1

### 23. Possible "H" Class SSBN (visible waterline length approximately 380 feet)

Identification is based upon a comparison of the general hull outline,  
visible length, possible stern fin, and the positioning and appearance  
of horizontal stern planes with those of the possible "H" Class ob-  
served in the basin on [redacted] This submarine is positioned bow-  
to the door of the main construction hall and is aligned with Track  
No. 4 leading into the hall (the northernmost track of the southern bay).

25X1

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TOP SECRET



25X1

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25X1

25X1

25X1

25X1

The possible "H" Class SSBN observed in the launch basin on [ ] was aligned with the middle track of the southern bay (Track No. 5). No sail is visible on this submarine although poor imagery precludes an accurate determination of its status. Small floating work platforms are along each side of this submarine. A very small possible floating crane along the submarine's starboard quarter appears to have its boom positioned over a stripped-away portion of the outer hull, approximately 80-90 feet from the stern. The presence of horizontal stern planes out of the water, as on the submarine observed in the basin on [ ] indicates that either the shallow side of the basin is only partially flooded or else that this submarine is riding very high in the water. For a more detailed view of this submarine see the drawing provided in Figure 5.

25X1

25X1

25X1

24. Unidentified Small Craft (LOA approximately 60 feet)

[ ]

25X1

25. Rectangular Possible Submarine Support Barge (LOA approximately 190 feet) A similar barge previously observed at Berthing Space No. 2 (Fitting-out Quay, Main Yard) on [ ] is no longer present at that position and may equate to this craft. [ ]

25X1

26. Unidentified Craft (LOA roughly 80 feet) This craft appears to be blunt at both ends. Visible detail and shape suggest it may equate to one of the two unusual craft sighted

[ ]

25X1

25X1

25X1

27. Probable OKHTENSKIY Class ATR (LOA approximately 155 feet) Hull outline, superstructure and lifeboat placement, after superstructure extension, and length-overall favorably equate to a unit of this class. A (probable) OKHTENSKIY Class ATR was last observed on [ ] along the Main Quay of the Yagry Island Repair Facility.

[ ]

25X1

28. Floating Workshop

[ ]

25X1

29. Unidentified AG (LOA approximately 215 feet) This is the same stack-aft auxiliary observed in [ ] along-side the East Quay. See Annotation 4, Figure 2, [ ] This ship was not observed at Shipyard 402 on the poor quality photography of [ ]

25X1

25X1

25X1

25X1

25X1

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25X1

25X1

25X1

30. Catamaran Vessel in Estuary

The "frames" are extended in the vertical position; however, no vessel is visible between the two parallel floats. This is the first time that this vessel has been sighted in the middle of the estuary. When sighted on [REDACTED] it was alongside the Outfitting Quay, Main Yard, in Berthing Space No. 4. [REDACTED]

25X1

25X1

31. Probable "E-II" Class SSGN (visible waterline length approximately 350 feet)

Visible recognition features include the presence of three white dots on the foredeck, unique to the "E-II" Class SSGN, and two possible missile launchers located well aft. Four vertical floating screens are located in groups of two outboard of the submarine. A small squat-looking barge (roughly 60 feet long) is angled against the side of the submarine between the two sets of screens just forward of the No. 3 missile launcher. The submarine is oriented bow-to the perpendicular floating dock. It is berthed outboard of a rectangular submarine support barge in Berthing Space No. 3 in the identical position and orientation as was the "E-II" observed in this berthing space on [REDACTED]

25X1

25X1

32. Possible "E-II" Class SSGN

This possible E-II Class submarine is position outboard of a rectangular submarine support barge in Berthing Space No. 4. The principal recognition features contributing to this evaluation are: the presence of three white dots located in the same region of the foredeck as the similar V-shaped group of three circular white spots unique to the "E-II" Class; the presence of three vertical screens outboard of the submarine (seen only outboard of "E-II" Class SSGN along this quay); and a fairly pointed bow similar to that of the "E" Class. The bow, containing a "stabrite" belt, is pointed toward the main launch basin. Very poor imagery toward the stern precludes establishment of a waterline length for this submarine. The catamaran vessel occupied this berthing space on [REDACTED]

25X1

25X1

Although the possible "E-II" is berthed in an identical position as the new class SSB(N) which was later observed in this position on [REDACTED] the presence of the white dots and the screens outboard appear to differentiate this submarine from the first SSB(N) unit sighted in [REDACTED]

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33. Possible "N" Class SSN (in floating dock)

Identification is based upon a very rounded bow, a tapered hull outline toward the stern, and a distance of approximately 350 feet between the visible stern end-point and the bow. Although this coverage is

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only two and one-half months after the [ ] coverage showing a [ ] "N" Class SSN in this dock, there is insufficient detail visible to determine whether or not the submarine is presently cut in two, as apparently the probable "N" Class submarine observed in this dock in [ ] was. [ ]

34. Possible Yard Craft Alongside Floating Dock

35. Rectangular Submarine Support Barge

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36. Two Barges

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37. Large Floating Dock Containing an Unidentified Vessel

A possible "N" Class SSN occupied this dock on [ ] See

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38. Possible "TOPLIVO-2" Class YO (LOA approximately 170 feet)

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39. Probable Floating Pier Section (adjacent quay) and Three Possible Pier Sections (adjacent pier)

The large pier section has moved from a position against the base of the long breakwater on [ ], to an interim location at the very end of the breakwater on [ ] and to its present position against the quay.

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40. Two probable Small Surface Combatants

41. Small Tugboat

42. Three Possible Small Landing Craft

Broad beams, lack of amidships superstructures, and blunt bows contribute to this assessment. This is the first indication on [ ] photography of the presence of (possible) landing craft at Severodvinsk.

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43. Possible YO

44. BUSSARD Class AKL (LOA approximately 320 feet)

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45. YAGT (LOA approximately 350 feet)

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16. Empty Transporter Dock (LOA approximately 435 feet)

This dock is berthed alongside a finger pier bow-to the quay.

It probably arrived at Severodvinsk from Gorki subsequent to

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17. YAGT (LOA approximately 350 feet)

Two large Missile Target Barges were located in the middle of the estuary and one was alongside the middle pier on See

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APPENDIX

GORKIY/SEVERODVINSK SHIPYARDS  
"J" CLASS SUBMARINE ACTIVITY

A total of six different new construction "J" Class SSGs can be accounted for on [ ] photography as having been transported from Gorkiy to Severodvinsk in the two years between [ ] the first (probable) "J" Class SSG was sighted at Severodvinsk alongside the East Quay. [ ] Three (possible) "J" Class SSGs (probably including the first one sighted in [ ] were observed at Severodvinsk in [ ]

All of the first three "J" Class SSGs probably left the yard by mid-fall of [ ] one left between [ ] only one (possible) "J" was visible in the middle of the estuary, possibly being degaussed/depermed [ ]

Two more "J" Class SSGs (the fourth and fifth observed at Severodvinsk) apparently arrived at Shipyard 402 between [ ] where they apparently remained in the same position along the East Quay through [ ] One of these "J's" left the East Quay in [ ] but may have been elsewhere in the cloud-covered portions of the yard [ ] The two (possible) "J" Class SSGs observed again along the East Quay in [ ] probably equated to the same two units sighted in [ ] along this quay. The arrival of the third possible "J" Class SSG and a transporter dock at Shipyard 402 between [ ] would, therefore, equate to the sixth unit transported from Gorkiy since the summer [ ]

Based on several [ ] sightings of "J" Class submarine activity at Shipyard 402 during the past two years the following pattern emerges. Upon being off-loaded from the transporter dock in the fall of the year the "J" ties up alongside or near the [ ] auxiliary" at the East Quay. This ship is believed to function as a tender for "J" Class SSGs. The "J" remains at the East Quay through the winter and spring months. During the summer months it conducts trials, is probably degaussed/depermed in the middle of the estuary, and berths alongside the quay at the West Basin - probably to pick up its initial load of cruise missiles. By the end of the summer-early fall the "J" Class SSG leaves Severodvinsk and deploys to operational bases.

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# REFERENCES

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NOTE: Where reference is made to a specific annotation on a given mission not listed above the reader should refer to the CIA/PIRs which are listed below.

## Documents

1. CIA. PIR-67315, Naval Base and Shipyard 402, Severodvinsk, USSR,  
[REDACTED] 25X1
2. CIA. PIR-67041, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1
3. CIA. PIR-67165, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1
4. CIA. PIR-67167, Severodvinsk Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1
5. CIA. PIR-67311, Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1
6. CIA. PIR-67314, Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1
7. CIA. PIR-77110, Naval Base and Shipyard 402, Severodvinsk, USSR, [REDACTED] 25X1

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[redacted] [redacted] [redacted]  
[redacted]

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8. CIA. PIR-77080, Gorkiy Shipyard 112, Gorkiy, USSR, [redacted]  
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Requirement No.

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